

## Ethernet Multilogger - thermo hygro meter with 4 MiniDIN inputs

code: M1140



Universal datalogger with MiniDIN inputs for connecting up to four temperature and/or humidity probes. Multilogger can be installed permanently to Ethernet network or work as portable device. Included is traceable calibration certificate in accordance with EN ISO/IEC17025. The Multilogger is a battery operated datalogger capable of measuring and recording sensor and electrical values through its inputs. Datalogger can be connected to Ethernet. Then measured values can be viewed on a web browser, as well as stored and downloaded for later analysis.

### Technical data

|                                                        |                                                                                  |
|--------------------------------------------------------|----------------------------------------------------------------------------------|
| TEMPERATURE SENSOR - external probe Pt1000             |                                                                                  |
| Measuring range                                        | -200 to +600 °C                                                                  |
| Accuracy                                               | ±0.2 °C (-200 to +100 °C); <br>±0.2 % from reading from +100 to +600 °C          |
| Resolution                                             | 0.1 °C                                                                           |
| TEMPERATURE+HUMIDITY SENSOR - external probe T+RH DIGI |                                                                                  |
| Measuring range                                        | according to the connected probe Digi/M                                          |
| Accuracy                                               | according to the connected probe Digi/M                                          |
| Resolution                                             | 0.1 °C                                                                           |
| DEW POINT                                              |                                                                                  |
| Measuring range                                        | according to the connected probe Digi/M                                          |
| Accuracy                                               | according to the connected probe Digi/M                                          |
| Resolution                                             | 0.1 °C                                                                           |
| GENERAL TECHNICAL DATA                                 |                                                                                  |
| Operating temperature                                  | -10 to +60 °C                                                                    |
| Channels                                               | 4x external temperature probe or connectable temperature+humidity probe          |
| Counted values                                         | dew point, absolute humidity, specific humidity, mixing ratio, specific enthalpy |
| Memory                                                 | 1 000 000 values (noncyclic record), 600 000 values (cyclic record)              |
| Recording interval                                     | 1s to 24 hours                                                                   |
| Display and alarm refresh                              | each 10 s                                                                        |

|                                  |                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Recording mode                   | noncyclic - data logging stops after filling the memory<br>cyclic - after filling memory oldest data is overwritten by new |
| Available temperature units      | degrees Celsius, degrees Fahrenheit                                                                                        |
| Communication interface          | Ethernet, USB, RS232                                                                                                       |
| Ethernet communication protocols | WWW, SNMPv1, XML, DATALINK                                                                                                 |
| Alarm protocols                  | E-Mail                                                                                                                     |
| Power                            | AC adapter 230Vac/5Vdc (neccessary for Ethernet interface)                                                                 |
| Battery life                     | 3 - 4 weeks                                                                                                                |
| Protection class                 | IP20                                                                                                                       |
| Dimensions (without connectors)  | 178 x 95 x 37mm, without attached cables                                                                                   |
| Weight (including batteries)     | approx. 380 g                                                                                                              |
| Warranty                         | 3 years                                                                                                                    |